



CERTIFIED MATERIAL TEST REPORT

US-ML-JACKSON TN
 801 GERDAU AMERISTEEL ROAD
 JACKSON, TN 38305
 USA

SALES ORDER 12843395/000010		CUSTOMER MATERIAL N° 00000502162161220		GRADE GGMULTI	SHAPE / SIZE Angle / 2 1/2X2 1/2X3/8	DOCUMENT ID: 0000531008
				LENGTH 20'00"	WEIGHT 4,720 LB	HEAT / BATCH 63230220/02
CUSTOMER PURCHASE ORDER NUMBER 4500548810				BILL OF LADING 1333-0000212965		DATE 04/05/2023
SPECIFICATION / DATE or REVISION ASTM A529-14, A572-15 ASTM A6-17,A36-14, ASME SA-36 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13						

CHEMICAL COMPOSITION														
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	Al (%)	CEqvA529 (%)	Sn (%)	
0.13	0.71	0.017	0.039	0.23	0.35	0.09	0.17	0.030	0.004	0.007	0.003	0.36	0.011	

MECHANICAL PROPERTIES							
Elong. (%)	G/L (Inches)	G/L (mm)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)	
26.00	8.000	200.0	77206	532	55908	385	
27.00	8.000	200.0	77591	535	56363	389	

GEOMETRIC CHARACTERISTICS	
R:R	
17.57	

COMMENTS / NOTES

This grade meets the requirements for the following grades:
 ASTM Grades: A36; A529-50; A572-50; A709-36; A709-50
 CSA Grades: 44W; 50W
 AASHTO Grades: M270-36; M270-50
 ASME Grades: SA36

The above figures are certified chemical and physical test records as contained in the permanent records of the company. We certify that these data are correct and in compliance with specified requirements. No weld repair was performed on this material. The material has not been in contact with mercury while in Gerdau possession. For all products other than billets or beam blanks, this material was produced (Electric Arc Furnace, Melted, Continuously Cast, Hot Rolled and, if applicable, Cold-Drawn) in the USA. For billets or beam blanks, this material was produced (Electric Arc Furnace, Melted and Continuously Cast) in the USA. CMTR complies with EN 10204 3.1.

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